

ARCHIVES OF
ENVIRONMENTAL HEALTH
PREVENTIVE MEDICINE — OCCUPATIONAL MEDICINE — AEROSPACE MEDICINE

VOLUME 4
JANUARY THROUGH JUNE, 1962

AMERICAN MEDICAL ASSOCIATION Publication

AUTHOR AND TITLE INDEX TO VOLUME 4

In this Index in alphabetical order are the names of the authors of all articles and of all articles abstracted, followed by the page number on which the article or the abstract begins. Abstracts are indicated by [abst.] following the title. Page numbers in the Index refer to bold face (dark) numbers in the text.

For Subject Index see page [106-658].

A

Adler, F. H.: "Eyes" have it (editorial), 552

Aldous, I. R.; Kirman, B. H.; Butler, N.; Goffe, A. P.; Laurence, G. D., and Pollock, T. M.: Vaccination against measles: III. clinical trial in British children [abst.], 462

Anderson, J. A. D.: See Duthie, J. J. R., jt. auth.

Andreatch, A. J.: Flame ionization detector: application to industrial hygiene and air pollution studies, 317

B

Baker, A. A.; Morison, M.; Game, J. A., and Thorpe, J. G.: Admitting schizophrenic mothers with their babies [abst.], 460

Balchum, O. J.: Environment in relation to respiratory disease, 561

Bang, G.: See Rodah, K., jt. auth.

Beckman, E. L.: See DeForest, R. E., jt. auth.

Belisario, J. C.: "Uvistat" as sunscreen agent [abst.], 119

Berman, F. R.: See Joy, R. J. T., jt. auth.

Bonilla, C. F.: Thermowheel rotary air-to-air heat exchanger: engineering characteristics and economics, 285

Boucot, K. R.: Oscar J. Balchum, M. D., 559
Cooper, D. A., and Weiss, W.: Smoking and health of older men: I. smoking and chronic cough, 59

Boyer, H. K.: See Mettier, S. R., Jr., jt. auth.

Brieger, H.; LaBelle, C. W.; Goddard, J. W., and Israel, H. L.: Experimental exposure to spruce and pine pollen: pulmonary changes, 470

Brugsch, H. G., and Bavley, H.: Asbestosis in worker engaged in automobile undercoating [abst.], 114

C

Cartier, P.; Mines, T., and Gross, P.: Non-occupational diffuse pulmonary fibrosis: report of case in asbestos worker, 73

Catcoff, E. J.: See Hofreuter, D. H., jt. auth.

Cecil, R. L.: Rheumatic disease in industry, 498

Chatgidakis, C. B.: Bronchial wall lesions in South African miners, 388

Christian, C. L.: Immune mechanisms in rheumatoid disease, 522

Cirksena, W. J.; Deller, J. J., and Marcarelli, J. L.: Adult chronic lead intoxication: report of unusual case, 183

Cohen, A. C.: Drug-resistant tubercle bacilli: aftermath of chemotherapy, 396

Collard, P.; Hendrickse, R. G.; Montefiore, D.; Sherman, P.; Van Der Wall, H. M.; Morley, D.; Goffe, A. P.; Laurence, G. D., and Pollock, T. M.: Vaccination against measles: II. clinical trial in Nigerian children [abst.], 462

Collings, G. H.: See Hendricks, N. V., jt. auth.

Committee on Medical Rating of Physical Impairment: Guide to evaluation of visual impairment, 108

Cooley, R. N.: See Nau, C. A., jt. auth.

Cooper, D. A.: See Boucot, K. R., jt. auth.

Council on Occupational Health: Guide to development of industrial medical records system: part II, 110

D

Davis, T. R. A.: See Joy, R. J. T., jt. auth.

Dean, G.: Lung cancer among white South Africans [abst.], 555

DeForest, R. E., and Beckman, E. L.: Some contraindications to use of life jacket for survival, 50

Deller, J. J.: See Cirksena, W. J., jt. auth.

Dési, I.; Sós, J.; Olasz, J.; Süle, F., and Márkus, V.: Nervous system effects of chemical herbicide, 95

de Vlieger, M.: See Hoogendam, I., jt. auth.

Dinman, B. D.; Fox, C. F.; Frajola, W. J., and Rabor, A.: Serum enzyme and B₁₂ changes in CCl₄ hepatotoxicity, 168

- Doherty, R. L.; Carley, J. G.; Lee, P. E.; Meyer, K. F., and Eddie, B.: Effect of chlortetracycline on Australian parrots naturally infected with psittacosis [abst.], 87
- Dooley, A. E.: See Hendricks, N. V., jt. auth.
- Doran, W. T., Jr.: See Parker, C. E., jt. auth.
- Doyle, H. N., and Westfield, J.: Silicosis in metal mining: revaluation, 247
- Drinker, P.: Health aspects of air pollution, 221
- Dubois, A. B.: Industrial bronchitis and function of lungs, 128
- Durant, T. M.: Richard A. Kern, M.D., 27
- Duthie, J. J. R., and Anderson, J. A. D.: Social and economic effects of rheumatic disease: particular reference to working capacity, 511
- ### E
- Elliott, W.; Hall, M.; Kerr, D. N. S.; Roland, C. F.; Smart, G. A., and Swinney, J.: Mushroom poisoning [abst.], 461
- Erdbrink, W. L.: Vision in military occupational placement, 528
- Evans, A. S., and Warren, J.: Patterns of illness in University of Wisconsin students, 579
- ### F
- Field, F.: See Greenburg, L., jt. auth.
- Fleming, A. J.: See Pell, S., jt. auth.
- Fox, C. F.: See Dinman, B. D., jt. auth.
- Fox, J. P.: Milton Terris, M.D. (editorial), 383
- Frajola, W. J.: See Dinman, B. D., jt. auth.
- Friel, M. A.: High school student attitudes on tuberculin testing, 547
- ### G
- Gaffee, A. P., and Laurence, G. D.: Vaccination against measles: I. preparation and testing of vaccines consisting of living attenuated virus [abst.], 462
- Garrett, J. T.: See Hendricks, N. V., jt. auth.
- Goddard, J. W.: See Brieger, H., jt. auth.
- Goldsmith, J. R.: Some implications of ambient air quality standards, 151
- Goldstein, D. H.: Chairman's introduction, 487
- Goodale, F.: See Lee, K. T., jt. auth.
- Gordon, J. E.; Gulati, P. V., and Wyon, J. B.: Reliability of recall data in traumatic accidents, 575
- Greenburg, L., and Field, F.: Area meteorology: component of air pollution studies, 477
- Grimm, R. C., and Kusnetz, H. L.: Plasma torch: industrial hygiene aspects, 295
- Gross, P.: See Cartier, P., jt. auth.
- Gulati, P. V.: See Gordon, J. E., jt. auth.
- Gutman, A. B.: Management of gout, 525
- Guy, A. C.: See Sallee, E. D., jt. auth.
- ### H
- Hamre, D., and Prochnow, J. J.: Viruses isolated from natural common colds in U.S.A. [abst.], 462
- Han, Y. S.: See Lee, K. T., jt. auth.
- Harris, H. W.: What is chronic bronchitis? (editorial), 126
- Hartman, W. C.: See Sander, O. A., jt. auth.
- Hayflick, L.: "Eaton agent" and pneumonia (editorial), 553
- Hendricks, N. V.; Collings, G. H.; Dooley, A. E.; Garrett, J. T., and Rather, J. B., Jr.: Review of exposures to oil mist, 139
- Hetzler, T., Jr.: Legislative developments in workmen's compensation, 347
- Hill, J. L.: See Sander, O. A., jt. auth.
- Himler, L. E.: Employment of worker with emotional problems, 446
- Hine, C. H.: See Mettler, S. R., Jr. jt. auth.
- Hofreuter, D. H.; Catcott, E. J., and Xintaras, C.: Carboxyhemoglobin in men exposed to carbon monoxide, 81
- Holeman, R.: See Morrison, L. M., jt. auth.
- Hoogendam, I.; Versteeg, J. P. J., and de Vlieger, M.: Electroencephalograms in insecticide toxicity, 86
- Hoyt, R. E.: See Morrison, L. M., jt. auth.
- ### I
- Irish, D. D.: Common chlorinated aliphatic hydrocarbon solvents, 320
- Israel, H. L.: See Brieger, H., jt. auth.
- Ivanhoe, F.: See Mettler, S. R., Jr., jt. auth.

J

- Jackson, H. M.:** Developments relating to mental health, 350
- Jarrett, S. M.:** Safety and industrial hygiene at Braden Copper Company, 273
- Joy, R. J. T.; Poe, R. H.; Berman, F. R., and Davis, T. R. A.:** Some physiological responses to Arctic living: study of cold acclimatization, 22

K

- Kanof, N. B.:** Permanent disability from industrial dermatitis, 622
- Kehoe, R. A.:** Human health and well-being and aqueous environment, 454
- Kern, R. A.:** Environment in relation to allergic disease, 28
- Kim, D. N.:** See Lee, K. T., jt. auth.
- Klein, I.:** Compensability in arthritis and traumatic arthritis: particular reference to secondary injury clause, 488
- Kraus, H., and Weber, S.:** Back pain and tension syndromes in sedentary profession, 408
- Kusnetz, H. L.:** See Grimm, R. C. jt. auth.

L

- LaBelle, C. W.:** See Brieger, H., jt. auth.
- Lee, K. T.; Kim, D. N.; Han, Y. S., and Goodale, F.:** Geographic studies of arteriosclerosis: effect of strict vegetarian diet on serum lipid and electrocardiographic patterns, 4
- Leong, K. J.:** See MacFarland, H. N., jt. auth.
- Levine, M. G.:** See Morrison, L. M., jt. auth.
- Lieben, J.:** See McBride, W. W., jt. auth.
- Lowman, E. W.:** Employability of rheumatoid arthritis: emphasis on physical rehabilitation, 502
- Lozano, M. G. M.:** See Melnick, J. L., jt. auth.

Mc

- McAllister, R. G.:** Potential exposures from x-ray and sealed radioisotopes, 265
- McBride, W. W., and Lieben, J.:** Radiodermatitis from diffraction apparatus, 191
- McEwen, C.:** Management of rheumatoid arthritis, 519

McEwen, W. K.: See Mettier, S. R., Jr., jt. auth.

MacFarland, H. N., and Leong, K. J.: Hazards from thermodecomposition of plastics: polyurethane and polyurethane-coated nylon, 591

M

- Maddocks, I.:** Possible absence of essential hypertension in two complete Pacific Island population [abst.], 461
- Manheimer, R. H.:** Arthritics in competitive employment: eight-year experience, 495
- Mankiewicz, E.:** New rapid technique for *Mycobacterium tuberculosis* culture, 588
- Marcarelli, J. L.:** See Cirksena, W. J., jt. auth.
- Márkus, V.:** See Dési, I., jt. auth.
- Melnick, J. L.; Rennick, V., and Lozano, M. G. M.:** Serologic epidemiology of poliomyelitis in Surinam, 202
- Mettier, S. R., Jr.; Boyer, H. K.; McEwen, W. K.; Ivanhoe, F.; Meyers, F. H., and Hine, C. H.:** Effects of air pollutant mixtures on eye, 103
- Meyers, F. H.:** See Mettier, S. R., Jr., jt. auth.
- Mines, T.:** See Cartier, P., jt. auth.
- Morrison, L. M.; Hoyt, R. E.; Rosenthal, M.; Levine, M. G., and Holeman, R.:** Anicteric hepatitis: studies of four epidemics, 538
- Motley, H. L.:** From physiologist with epidemiologic bent (long view), 86
- Mudd, S.:** Staphylococcal disease: imperfectly understood aspects (editorial), 1; correction, 380
- Mullins, A.:** Advertisements for health—plea for truth [abst.], 460
- N**
- Nale, T. W.:** Federal Hazardous Substances Labeling Act: preparation of precautionary labeling in conformance with the Act and its regulations, 239
- Nau, C. A.:** See Neal, J., jt. auth.
- Neal, J.; Stemberge, V. A., and Cooley, R. N.:** Physiological effects of carbon black: IV. inhalation, 415
- Neal, J.:** See Nau, C. A., jt. auth.
- Thornton, M., and Nau, C. A.:** Polycyclic hydrocarbon elution from carbon black or rubber products, 598

O

Olasz, J.: See Dési, I., jt. auth.

P

Parker, C. E., and Doran, W. T., Jr.: Medical practice at nuclear power reactor, 196

Payne, A. M.-M.: Teaching preventive medicine, 625

Pell, S., and Fleming, A. J.: Cancer of lung in industrial population, 135

Penney, G. W.: Role of adhesion in electrostatic precipitation, 301

Perry, W. H., and Tabor, E. C.: National air sampling network measurement of SO₂ and NO_x, 254

Pinner, J. I.: Placement of arthritic applicants, 492

Piscator, M.: Proteinuria in chronic cadmium poisoning: I. electrophoretic and chemical study of urinary and serum proteins from workers with chronic cadmium poisoning, 607

Pitt, D. B.: Congenital malformations and maternal rubella: progress report [abst.], 462

Poe, R. H.: See Joy, R. J. T., jt. auth.

Prindle, R. A.: Air pollution as public health hazard, 401

R

Rabor, A.: See Dinman, B. D., jt. auth.

Rather, J. B., Jr.: See Hendricks, N. V., jt. auth.

Reed, S. C.: Genetics in medical curriculum, 634

Rennick, V.: See Melnick, J. L., jt. auth.

Respiratory Diseases Study Group: Chronic bronchitis in Great Britain [abst.], 460

Robins, A. B.: Detection of tuberculosis in New York, 146

Rodah, K., and Bang, G.: Endemic goiter in Alaska, 11

Roemmich, W.: Disability and rheumatic diseases: social security data, 490

Rosen, G.: Why and how of sociology in medical training, 638

Rosenthal, M.: See Morrison, L. M., jt. auth.

S

Sallee, E. D., and Guy, A. C.: Combustible gas indicators: use for evaluating flammable vapor concentrations in ovens, 306

Sander, O. A.; Vorwald, A. J.; Wright, G. W.; Hill, J. L., and Hartman, W. C.: Lungs, environment, and compensation: panel discussion, 363

Scheel, L. D.: See Stokinger, H. E., jt. auth.

Schrenk, H. H.: Forward, 217
Foundation facts, 219

Sebrell, W. H., Jr., and VanItallie, T. B.: Nutrition teaching in preventive medicine, 630

Sein, M.: Fertility and health in India [abst.], 463

Sós, J.: See Dési, I., jt. auth.

Soutar, D.: Duplication of benefits, 356

Spain, D. M.: Industrial bronchitis (editorial), 125

Stembridge, V. A.: See Nau, C. A., jt. auth.

Stokinger, H. E.: Threshold limits and maximal acceptable concentrations: definition and interpretation, 1961, 115
and Scheel, L. D.: Ozone toxicity: immunochemical and tolerance-producing aspects, 327

Süle, F.: See Dési, I., jt. auth.

Switzer, M. E.: How far back can we stay? (editorial), 386

T

Tabor, E. C.: See Perry, W. H., jt. auth.

Terris, M.: Keynote is prevention (editorial), 382

Thornton, M.: See Neal, J., jt. auth.

V

VanItallie, T. B.: See Sebrell, W. H., Jr., jt. auth.

Versteeg, J. P. J.: See Hoogendam, I., jt. auth.

Vogel, R. A.: Etiology of sarcoidosis (editorial), 550

Vorwald, A. J.: See Sander, O. A., jt. auth.

W

Wagner, S. P.: Role of occupational nurse in efficient worker utilization, 451

Warren, J.: See Evans, A. S., jt. auth.

Warren, S.: Page solomon (editorial), 385

Weiss, W.: See Boucot, K. R., jt. auth.

Wells, R. L.: Woman worker, 439

Westfield, J.: See Doyle, H. N., jt. auth.

Williams, C. R.: Practice of industrial hygiene: expanding technical and administrative responsibilities, 230

Wilson, P. D., Jr.: Low back pain: problem for industry, 505

Wright, G. W.: See Sander, O. A., jt. auth.

Wyon, J. B.: See Gordon, J. E., jt. auth.

X

Xintaras, C.: See Hofreuteer, D. H., jt. auth.

Y

Yanover, R. R.: Efficient utilization of worker, 432

Z

Zapp, J. A., Jr.: Toxic and health effects of plastics and resins, 335

SUBJECT INDEX TO VOLUME 4

The following Index contains an alphabetical list of all significant subjects presented in the volume. Abstracts are indicated by [abst.], Books reviewed are listed alphabetically by author and by title under the heading "Books." Page numbers in the Index refer to bold face (dark) numbers in the text.

A

ABSTRACTS FROM CURRENT LITERATURE, 114, 119, 460, 555

Accidents

reliability of recall data in traumatic [Gordon et al.], 575

Adhesion

role of, in electrostatic precipitation [Penney], 301

Advertisements

for health—plea for truth [Mullins, abst.], 460

Aerospace medicine

medical criteria for passenger flying on scheduled commercial flights (correspondence) [Watson], 109

Aging

smoking and health of older men [Boucot et al.], 59

Air pollution: See also **Dust**

area meteorology: component of studies of, [Greenburg & Field], 477
as public health hazard [Prindle], 401
flame ionization detector: application to studies of [Andreatch], 317
health aspects and [Drinker], 221
mixtures, air pollutant, effects on eye [Mettier et al.], 103

National Air Sampling Network measurement of SO₂ and NO₂ [Perry & Tabor], 254

quality standards: some implications of ambient [Goldsmith], 151

Alaska

endemic goiter in [Rodahl & Bang], 11

Allergy

environment in relation to allergic disease [Kern], 28

American Academy of Occupational Medicine

annual meeting, Pittsburgh, Feb. 1962, 120
officers newly elected, 557

American Board of Preventive Medicine

certification in general preventive medicine, 649

American Medical Association

Congress on Occupational Health, Boston, Oct. 1962, 556

ANNOUNCEMENTS, 120, 465, 556, 649

Antibiotics

aftermath of chemotherapy: drug resistant tubercle bacilli [Cohen], 396

APPARATUS AND INSTRUMENTS

combustible gas indicators: use for evaluating flammable vapor concentrations in ovens [Sallee & Guy], 306
diffraction apparatus: radiodermatitis from [McBride & Lieben], 191

flame ionization detector: application to industrial hygiene and air pollution studies [Andreatch], 317

gas sampler: National Air Sampling Network [Perry & Tabor], 256

life jacket: some contraindications to use of, for survival [DeForest & Beckman], 50

plasma torch: industrial hygiene aspects [Grimm & Kusnetz], 295

thermowheel rotary air-to-air heat exchanger: engineering characteristics and economics [Bonilla], 285

Archives of Environmental Health

Frank Princi, M.D., 647

Herbert E. Stokinger, Ph.D., 648

Oscar A. Sander, M.D., 647

Arteriosclerosis

geographic studies: effect of strict vegetarian diet on serum lipid and electrocardiographic patterns [Lee et al.], 4

Arctic

some physiological responses to Arctic living: cold acclimatization [Joy et al.], 22

Arthritis: See also **Gout**

compensability in arthritis and traumatic arthritis [Klein], 488

employment, competitive: arthritics in [Hanheimer], 495

placement of arthritic applicants [Pinner], 492

Arthritis, rheumatoid

employability of rheumatoid arthritics [Lowman], 502

immune mechanisms in rheumatoid disease [Christian], 522

management of [McEwen], 519

Asbestos mine

nonoccupational diffuse pulmonary fibrosis: in asbestos worker [Cartier & Gross], 73

Asbestosis

in worker engaged in automobile undercoating [Brugsch & Bavley, abst.], 114

Association of Teachers of Preventive Medicine

keynote is prevention (editorial) [Terris], 382

Association of Teachers of Preventive

Medicine—continued

- officers and members of executive committee, 383

Attitude: See Behavior

Australian parrots: See Parrots

Automobiles

- asbestosis in worker engaged in automobile undercoating [Brugsch & Bavy, abst.], 114

AWARDS

- gold medals for exceptional civilian service, Army, to Gabrielle M. Asset, 466
- Physician's Award to Dr. Lee D. Cady, 467

B

Bacillus

- drug-resistant tubercle bacilli: aftermath of chemotherapy [Cohen], 396

Back

- low back pain: problem for industry [Wilson], 505
- pain and tension syndromes in sedentary profession [Kraus & Weber], 408

Bacteriological techniques

- new rapid technique for *Mycobacterium tuberculosis* culture [Mankiewicz], 588

Balchum, Oscar J., M.D.

- [Boucot], 559

Behavior

- high school student attitudes on tuberculin testing [Friel], 547

Benefits: See under Workmen's compensation

Blood

- enzyme, serum, and B_{12} changes in CCl_4 hepatotoxicity [Dinman et al.], 168
- lipids, serum: effect of strict vegetarian diet on electrocardiographic patterns and [Lee et al.], 4
- proteins, serum: electrophoresis and chemical study of, from workers with chronic cadmium poisoning [Piscator], 607

Books

- Beecher, H. K., ed.: *Disease and Advancement of Basic Science*, 215
- Bibliography and Index on Vacuum and Low Pressure Measurement: National Bureau of Standards Monograph 35 [Brombacher], 650
- Bock, K. D., and Cottier, P. T.: *Essential Hypertension: International Symposium*, 216
- Bogovski, P.: *Cancerogenic Effect of Estonian Oil-Shale Processing Products*, 124
- Brombacher, W. G.: *Bibliography and Index on Vacuum and Low Pressure Measurement: National Bureau of Standards Monograph 35*, 650

Books—continued

- Browning, E.: *Toxicity of Industrial Metals*, 215
- Cancerogenic Effect of Estonian Oil-Shale Processing Products* [Bogovski], 124
- Comparative Medicine in Transition* [Stafseth, et al., ed.], 123
- Disease and Advancement of Basic Science* [Beecher, ed.], 215
- Essential Hypertension: International Symposium* [Bock & Cottier], 216
- Essex-Cater, A. J.: *Synopsis of Public Health and Social Medicine*, 468
- Gerletti, J. D., and others: *Nursing Home Administration*, 650
- Histopathology of Skin* [Lever], 558
- Home Treatment in Injury and Osteoarthritis* [Tucker], 558
- Lever, W. F.: *Histopathology of Skin* [Lever], 558
- Nursing Home Administration* [Gerletti et al.], 650
- Stafseth, H. J., and others, ed.: *Comparative Medicine in Transition*, 123
- Stopping Powers for Use with Cavity Chambers*, 215
- Symptom Diagnosis* [Yater & Oliver], 650
- Synopsis of Public Health and Social Medicine* [Essex-Cater], 468
- Toxicity of Industrial Metals* [Browning], 215
- Tucker, W. E.: *Home Treatment in Injury and Osteoarthritis*, 558
- Workmen's Compensation Study*, 379
- Yater, W. M., and Oliver, W. F.: *Symptom Diagnosis*, 650

Braden Copper Company

- safety and industrial hygiene at [Jarrett], 273

Brain

- electroencephalograms in insecticide toxicity [Hoogendam et al.], 86

Bronchi

- lesions, bronchial wall, in South African miners [Chatgidakis], 388

Bronchitis

- chronic, in Great Britain [Respiratory Diseases Study Group, abst.], 460
- chronic: what is? (editorial) [Harris], 126
- industrial, and function of lungs [DuBois], 128
- industrial (editorial) [Spain], 125

C

Cadmium

- poisoning: proteinuria in chronic [Piscator], 607

Cancer

- lung, among white South Africans [Dean, abst.], 555
- lung, in industrial population [Pell & Fleming], 135

- Carbon black
physiological effects of: inhalation [Nau et al.], 415
polycyclic hydrocarbon elution from carbon black or rubber products [Neal et al.], 598
- Carbon monoxide
carboxyhemoglobin in men exposed to [Hofreuter et al.], 81
- Carbon tetrachloride
hepatotoxicity: serum enzyme and B_{12} changes in CCl_4 [Dinman et al.], 168
- Carboxyhemoglobin
in men exposed to carbon monoxide [Hofreuter et al.], 81
- Chemotherapy: See Antibiotics
- Chlortetracycline
effect of, on Australian parrots naturally infected with psittacosis [Doherty et al., abst.], 119
- Cold
acclimatization study: some physiological responses to Arctic living [Joy et al.], 22
- Common cold
viruses isolated from natural, in U.S.A. [Hamre & Prochnow, abst.], 462
- Copper
safety and industrial hygiene at Braden Copper Company [Jarrett], 273
- CORRECTIONS, 195, 380
- CORRESPONDENCE
changes in WHO organization [Buxell], 646
fiber glass pneumoconiosis [Gross], 645; [Murphy], 645
medical criteria for passenger flying on scheduled commercial flights [Watson], 109
physiologic and hygienic aspects of absorption of inorganic fluorides [Wald-bott], 459
review of man and his environment [Hollis], 646
- Cough
chronic, and smoking: smoking and health of older men [Boucot et al.], 59
- Culture media
new rapid technique for *Mycobacterium tuberculosis* culture [Mankiewicz], 588

D

- Dermatitis
industrial: permanent disability from [Kanof], 622
radiodermatitis from diffraction apparatus [McBride & Lieben], 191
- Detector, flame ionization: See Flame ionization detector

- Diet
vegetarian, strict, effect on serum lipid and electrocardiographic patterns [Lee et al.], 4
- Diffraction apparatus
radiodermatitis from [McBride & Lieben], 191
- Disability: See also Handicapped
permanent, from industrial dermatitis [Kanof], 622
rheumatic diseases and: social security data [Roemmich], 490
- Dust
adhesion role in electrostatic precipitation [Penney], 301

E

- Eaton agent
and pneumonia (editorial) [Hayflick], 553
- EDITORIALS
"Eaton agent" and pneumonia [Hayflick], 554
etiology of sarcoidosis [Vogel], 550
"eyes" have it [Adler], 552
how far back can we stay? [Switzer], 386
industrial bronchitis [Spain], 125
keynote is prevention [Terris], 382
Milton Terris, M.D. [Fox], 383
page solomon [Warren], 385
robots unlimited, 125
salute to A.T.P.M., 381
staphylococcal disease: imperfectly understood aspects [Mudd], 1
what is chronic bronchitis [Harris], 126
"what's in a name", 643
- Education, medical
genetics in medical curriculum [Reed], 634
nutrition teaching in preventive medicine [Sebrell & VanItallie], 630
preventive medicine, teaching [Payne], 625
sociology in medical training: why and how of [Reed], 634
- Electricity
role of adhesion in electrostatic precipitation [Penney], 301
- Electrocardiography
patterns, electrocardiographic: effect of strict vegetarian diet on serum lipid and [Lee et al.], 4
- Electroencephalography
electroencephalograms in insecticide toxicity [Hoogendam et al.], 86
- Electrophoresis
study, electrophoretic, of urinary and serum proteins from workers with chronic cadmium poisoning [Piscator], 607

- Emotions**
employment of worker with emotional problems [Himler], 446
- Employment**
arthritics in competitive employment [Manheimer], 495
employability of rheumatoid arthritics: emphasis on physical rehabilitation [Lowman], 502
placement of arthritic applicants [Pinner], 492
- Environmental health:** See also Aerospace medicine, Occupational medicine, Preventive medicine
air pollution: See Air pollution
allergic disease: environment in relation to [Kern], 28
carboxyhemoglobin in men exposed to carbon monoxide [Hofreuter et al.], 81
fertility and health in India [Sein, abst.], 463
human health and well-being and aqueous environment (long view) [Kehoe], 454
lungs, compensation, and environment: panel discussion [Sander et al.], 362
respiratory disease: environment in relation to [Balchum], 561
review of man and his environment (correspondence) [Hollis], 646
social and economic effects of rheumatic disease: particular reference to working capacity [Duthie & Anderson], 511
spruce and pine pollen: experimental exposure to [Brieger et al.], 470
toxic and health effects of plastics and resins [Zapp], 335
- Epidemiology**
from physiologist with epidemiologic bent (long view) [Motley], 118
serologic, of poliomyelitis in Surinam [Meinick et al.], 202
- Exertion**
social and economic effects of rheumatic disease: particular reference to working capacity [Duthie & Anderson], 511
- Eye:** See also Vision
air pollutant mixtures effects on [Metzner et al.], 103
"eyes" have it (editorial) [Adler], 552

F

- Federal Hazardous Substances Labeling Act**
preparation of precautionary labeling in conformance with Act and its regulations [Nale], 239
- Fertility**
health and, in India [Sein, abst.], 463
- Fiber glass**
pneumoconiosis (correspondence) [Gross], 645; [Murphy], 645

- Flame ionization detector**
application to industrial hygiene and air pollution studies [Andreatch], 317
- Flourides**
physiologic and hygienic aspects of absorption of inorganic (correspondence) [Waldbott], 459

G

- Gas indicators, combustible**
use for evaluating flammable vapor concentrations in ovens [Sallee & Guy], 306
- Genetics**
allergic disease: environment in relation to [Kern], 28
in medical curriculum [Reed], 634
- Geography**
arteriosclerosis geographic studies: effect of strict vegetarian diet on serum lipid and electrocardiographic patterns [Lee et al.], 4
- Goiter**
endemic, in Alaska [Bodahl & Bang], 11
- Gold mine**
bronchial wall lesions in South African miners [Chatgidakis], 388
- Gordon Research Conferences**
Colby Junior College, New London, N.H., June-August, 1962, 649
- Gout**
management of [Gutman], 525
- Great Britain**
chronic bronchitis in [Respiratory Diseases Study Group, abst.], 460
vaccination against measles: clinical trial in British children [Aldous et al., abst.], 462
- Guide**
to development of industrial medical records system [Council on Occupational Health], 110
to evaluation of visual impairment [Committee on Medical Rating of Physical Impairment], 108

H

- Handicapped:** See also Rehabilitation
efficient utilization of, worker [Yanover], 432
permanent disability from industrial dermatitis [Kanof], 622
rheumatic diseases and disability [Roemich], 490
utilization, efficient, of worker [Yanover], 433
- Heart**
electrocardiographic patterns: effect of strict vegetarian diet on [Lee et al.], 4

Heat

- hazards from thermodecomposition of plastics: polyurethane and polyurethane-coated nylon [MacFarland & Leong], 591

Heat exchanger

- thermowheel rotary air-to-air: engineering characteristics and economics [Bonilla], 285

Hemoglobin

- carboxyhemoglobin in men exposed to carbon monoxide [Hofreuter et al.], 81

Hepatitis

- anicteric [Morrison et al.], 538

Herbicides

- chemical: nervous system effects of [Dési et al.], 95

High school

- student attitudes on tuberculin testing [Friel], 547

Hospitals

- admitting schizophrenic mothers with their babies [Baker et al., abst.], 460

Hydrocarbons

- polycyclic hydrocarbon elution from carbon black or rubber products [Neal et al.], 598

- solvents: common chlorinated aliphatic [Irish], 320

Hygiene, industrial: See under Occupational medicine**Hypertension**

- possible absence of essential hypertension in two complete Pacific Islands populations [Maddocks, abst.], 461

I**Illness**

- patterns of, in University of Wisconsin students [Evans & Warren], 579

Immunity: See also Vaccines

- ozone toxicity: immunochemical and tolerance-producing aspects [Stokin-ger & Scheel], 327
- rheumatoid disease: immune mechanisms in [Christian], 522

India

- fertility and health in [Sein, abst.], 463

Industrial dermatitis

- permanent disability from [Kanof], 622

Industrial Hygiene Foundation

- forward [Schrenk], 217
- foundation facts [Schrenk], 219
- twenty-sixth annual meeting, Pittsburgh, October 25-26, 1961, 217-378

Industrial medical records system

- guide to developing of [Council on Occupational Health], 110

Industry

- bronchitis, industrial, and function of lungs [Dubois], 128
- bronchitis, industrial (editorial) [Spain], 125
- cancer of lung in industrial population [Pell & Fleming], 135
- emotional problems: employment of worker with [Himmler], 446
- hygiene, industrial, and safety at Braden Copper Company [Jarrett], 273
- hygiene, industrial: application of flame ionization detector to air pollution and, studies [Andreatch], 317
- hygiene, industrial, aspects of plasma torch [Grimm & Kusnetz], 295
- hygiene, industrial: expanding technical and administrative responsibilities in practice of [Williams], 230
- low back pain: problem for [Wilson], 505
- metal mining industry: silicosis in [Doyle & Westfield], 247
- nurse, occupational, role in efficient worker utilization [Wagner], 451
- rheumatic disease in [Cecil], 498
- social security data: disability and rheumatic diseases [Roemmich], 490
- utilization, efficient, of worker [Yan-over], 432

Infants

- admitting schizophrenic mothers with their babies [Baker et al., abst.], 460

Injuries: See Wounds and injuries**Insecticides**

- toxicity: electroencephalograms in [Hoo-gendam et al.], 86

International Symposium on Humidity and Moisture

- Washington, D.C., May 1963, 556

K**Kern, Richard A.**

- [Durant], 27

L**Labeling**

- preparation of precautionary labeling in conformance with Federal Hazardous Substances Labeling Act and its regulations [Nale], 239

Lead poisoning

- adult chronic lead intoxication [Cirksena et al.], 183

Legislation

- developments, legislative, in workmen's compensation [Hetzler], 347

Life jacket

- some contraindications to use of, for survival [DeForest & Beckman], 50

Lipids

- serum: effect of strict vegetarian diet on electrocardiographic patterns and [Lee et al.], 4

- Liver**
 hepatotoxicity: serum enzyme and B₁₂ changes in CCl₄ [Dinman et al.], 168
- LONG VIEW**
 from physiologist with epidemiologic bent [Motley], 118
 human health and well-being and aqueous environment [Kehoe], 454
- Lungs**
 cancer among white South Africans [Dean, abst.], 555
 cancer in industrial population [Pell & Fleming], 135
 changes, pulmonary: experimental exposure to spruce and pine pollen [Brieger et al.], 470
 diseases: See also Pneumoconiosis, Pulmonary fibrosis
 environment, compensation, and: panel discussion [Sander et al.], 362
 function of, and industrial bronchitis [DuBois], 128
- M**
- Maximum Acceptable Concentrations**
 threshold limits and: definition and interpretation, 1961 [Stokinger], 115
- Measles**
 vaccination against: clinical trial in British children [Aldous et al., abst.], 462
 vaccination against: clinical trial in Nigerian children [Collard et al., abst.], 462
 vaccination against: preparation and testing of vaccines consisting of living attenuated virus [Gaffe & Laurence, abst.], 462
- Medical training:** See Education, medical
- Memory**
 reliability of recall data in traumatic accidents [Gordon et al.], 575
- Men**
 carboxyhemoglobin in men exposed to carbon monoxide [Hofreuter et al.], 81
 older: smoking and health of [Boucot et al.], 59
- Mental disorders**
 employment of worker with emotional problems [Himler], 446
- Mental health**
 developments relating to [Jackson], 350
- Metals**
 mining industry: silicosis in metal [Doyle & Westfield], 247
- Meteorology**
 area: component of air pollution studies [Greenburg & Field], 477
- Military occupational placement**
 vision in [Erdbrink], 528
- Mining**
 asbestos worker: nonoccupational diffuse pulmonary fibrosis in [Cartier & Gross], 73
 gold: bronchial wall lesions in South African miners [Chatgidakis], 388
 metal, industry: silicosis in [Doyle & Westfield], 247
- Muscles**
 tension syndromes and back pain in sedentary profession [Kraus & Weber], 408
- Mushrooms**
 poisoning [Elliott et al., abst.], 461
- Mycobacterium tuberculosis**
 culture: new rapid technique for [Mankiewicz], 588
- N**
- National Air Sampling Network**
 measurement of SO₂ and NO₂ [Perry & Tabor], 254
- National Clearinghouse for Poison Control Centers**
 report on poisoning by wisteria, 120
- Nervous system**
 central: effects of chemical herbicide [Dési et al.] 95
- New York**
 tuberculosis detection in [Robins], 146
- New York University School of Medicine**
 Second Conference on Rheumatic Diseases held at, Nov. 1961, 487-527
- NEWS AND COMMENT**, 120, 465, 556, 647
- Nigeria**
 vaccination against measles: clinical trial in Nigerian children [Collard et al., abst.], 462
- Nitrogen dioxide**
 National Air Sampling Network measurement of [Perry & Tabor], 254
- Nobel Prize**
 winner [abst.], 463
- Nuclear power**
 reactor: medical practice at [Parker & Doran], 196
- Nurse**
 occupational, role in efficient worker utilization [Wagner], 451
- Nutrition:** See also Diet
 teaching in preventive medicine [Sebrell & VanItallie], 630
- Nylon**
 polyurethane-coated nylon: hazards from thermodecomposition of plastics [MacFarland & Leong], 591

O

Occupational medicine: See also Preventive medicine

exposures to oil mist review [Hendricks et al.], 139

hygiene, industrial, and air pollution studies: application of flame ionization detector to [Andreatch], 317

hygiene, industrial, and safety at Braden Copper Company [Jarrett], 273

hygiene, industrial, aspects of plasma torch [Grimm & Kusnetz], 295

hygiene, industrial, practice: expanding technical and administrative responsibilities [Williams], 230

medical practice at nuclear power reactor [Parker & Doran], 196

medical records system: guide to development of industrial [Council on Occupational Health], 110

nurse, occupational, role in efficient worker utilization [Wagner], 451

Occupational placement

vision in military [Erdbrink], 528

Oil mist

exposures to, review [Hendricks et al.], 139

Ovens

flammable vapor concentrations in: combustible gas indicators used for [Sallee & Guy], 306

Ozone

toxicity: immunochemical and tolerance-producing aspects [Stokinger & Scheel], 327

P

Pacific Islands

possible absence of essential hypertension in two complete, populations [Maddocks, abst.], 461

Pain

back, and tension syndromes in sedentary profession [Kraus & Weber], 408

low back: problem for industry [Wilson], 505

Parrots

effect of chlortetracycline on Australian, naturally infected with psittacosis [Doherty et al., abst.], 119

Physiology

effects, physiological, of carbon black: inhalation [Nau et al.], 415

responses, physiological, to Arctic living: study of cold acclimatization [Joy et al.], 22

Pine

pollen: experimental exposure to spruce and [Brieger et al.], 470

Plasma torch

industrial hygiene aspects [Grimm & Kusnetz], 295

Plastics

hazards from thermodecomposition of: polyurethane and polyurethane-coated nylon [MacFarland & Leong], 591
toxic and health effects of resins and [Zapp], 335

Pneumoconiosis

fiber glass (correspondence) [Gross], 645; [Murphy], 645

Pneumonia

"Eaton agent" and (editorial) [Hayflick], 553

Poisons and poisoning: See also Herbicides,

Insecticides, Lead poisoning, Toxicity cadmium poisoning: proteinuria in chronic [Piscator], 607

mushroom poisoning [Elliott et al., abst.], 461

Poliomyelitis

serologic epidemiology of, in Surinam [Melnick et al.], 202

Pollen

spruce and pine: experimental exposure to [Brieger et al.], 470

Polyurethane

polyurethane-coated nylon and: hazards from thermodecomposition of plastics [MacFarland & Leong], 591

Pregnancy

maternal rubella: congenital malformations and [Pitt, abst.], 462

new virus infection studies of expectant mothers, 556

Preventive medicine: See also Occupational medicine

advertisements for health—plea for truth [Mullins, abst.], 460

cold acclimatization: some physiological responses to Arctic living [Joy et al.], 22

Federal Hazardous Substances Labeling Act [Nale], 239

keynote is prevention (editorial) [Terrie], 382

medical education: See Education, medical

medical practice at nuclear power reactor [Parker & Doran], 196

nutrition teaching in preventive medicine [Sebrell & VanItallie], 630

teaching [Payne], 625

tuberculosis detection in New York [Robins], 146

Proteins

electrophoretic and chemical study of urinary and serum proteins from workers with chronic cadmium poisoning [Piscator], 607

- Psittacosis**
 chlortetracycline effect on Australian parrots naturally infect with [Doherty et al., abst.], 119
- Public Health Service, U.S.:** See U. S. Public Health Service
- Pulmonary fibrosis**
 nonoccupational diffuse: case in asbestos worker [Cartier & Gross], 73
- R**
- Radiation:** See Roentgen rays
- Radiodermatitis:** See Dermatitis
- Radioisotopes**
 potential exposures from x-ray and sealed [McAllister], 265
- Recall data**
 reliability of, in traumatic accidents [Gordon et al.], 575
- Records**
 industrial medical records system: guide to developing of [Council on Occupational Health], 110
- Rehabilitation**
 physical, emphasis: employment of rheumatoid arthritics [Lowman], 502
- Resins**
 toxic and health effects of plastics and [Zapp], 335
- Respiratory tract:** See also Lungs
 environment in relation to respiratory disease [Balchum], 561
 oil mist: review of exposures to [Hendricks et al.], 139
- Rheumatic Diseases Conference**
 chairman's introduction [Goldstein], 487
 second, held at New York University School of Medicine, Nov. 1961, 487-527
- Rheumatic diseases**
 disability and: social security data [Roemmich], 490
 in industry [Cecil], 498
 social and economic effects of: particular reference to working capacity [Duthie & Anderson], 511
- Rheumatoid arthritis:** See Arthritis, rheumatoid
- Roentgen rays**
 nuclear power reactor: medical practice at [Parker & Doran], 196
 potential exposures from x-ray and sealed radioisotopes [McAllister], 265
 radiodermatitis from diffraction apparatus [McBride & Lieben], 191
- Rubella**
 maternal: congenital malformations and [Pitt, abst.], 462

- Rubber**
 polycyclic hydrocarbon elution from carbon black or rubber products [Neal et al.], 596

S

- Sarcoidosis**
 etiology of (editorial) [Vogel], 550
- Schizophrenia**
 admitting schizophrenic mothers with their babies [Baker et al., abst.], 460
- Sedentary profession**
 back pain and tension syndromes in [Kraus & Weber], 408
- Serology**
 epidemiology, serologic, of poliomyelitis in Surinam [Melnick et al.], 202
- Silicosis**
 in metal mining industry [Doyle & Westfield], 247
- Smoking**
 health of older men and: smoking and chronic cough [Boucot et al.], 59
- Social Security**
 data: disability and rheumatic diseases [Roemmich], 490
- Sociology**
 why and how of, in medical training [Reed], 634
- Solvents**
 hydrocarbon: common chlorinated aliphatic [Irish], 320
- South Africa**
 bronchial wall lesions in South African miners [Chatgidakis], 388
 lung cancer among white South Africans [Dean, abst.], 555
- Spruce**
 pollen: experimental exposure to pine and [Brieger et al.], 470
- Staphylococcal infection**
 disease: imperfectly understood aspects (editorial) [Mudd], 1
- Sulfur dioxide**
 National Air Sampling Network measurement of [Perry & Tabor], 254
- Sunscreen agent**
 "uvistat" as [Belisario, abst.], 119
- Surinam**
 serologic epidemiology of poliomyelitis in [Melnick et al.], 202
- Survival**
 some contraindications to use of life jacket for [DeForest & Beckman], 50
- Syphilis**
 world forum on, and other treponematoses in Washington, D. C., Sept., 1962, 468

T

- Temperature: See Cold
- Terris, Milton, M. D.
(editorial) [Fox], 383
- Thermowheel rotary air-to-air heat exchanger: See Heat exchanger
- Threshold limits
Maximum Acceptable Concentrations and: definition and interpretation, 1961 [Stokinger], 115
- Toxicity: See also Poisons and Poisoning
CCl₄ hepatotoxicity: serum enzyme and B₁₂ changes in [Dinman et al.], 168
insecticide: electroencephalograms in [Hoogendam et al.], 86
ozone: immunochemical and tolerance-producing aspects [Stokinger & Scheel], 327
plastics and resins: toxic and health effects of [Zapp], 335
- Traumatic arthritis: See under Arthritis
- Tuberculin
testing: high school attitudes on [Friel], 547
- Tuberculosis
detection of, in New York [Robins], 146
drug-resistant tubercle bacilli: aftermath of chemotherapy [Cohen], 396

U

- University of Wisconsin
patterns of illness in students [Evans & Warren], 579
- Urine
electrophoretic and chemical study of urinary proteins from workers with chronic cadmium poisoning [Piscator], 607
- U.S.A.
viruses isolated from natural common colds in [Hamre & Prochnow, abst.], 462
- U. S. Public Health Service
continuous air-monitoring program, 466
Division of Occupational Health: new staff appointments, 465
Division of Radiological Health: training course in evaluation of reactor safety and hazards, 465
screening for diabetes, 120
- "Uvistat"
as sunscreen agent [Balisario, abst.], 119

V

- Vaccines
measles vaccination: preparation and testing of, consisting of living attenu-

Vaccines—continued

- ated virus [Gaffe & Laurence, abst.], 462
- Vapor concentrations
combustible gas indicators: use for evaluating flammable, in ovens [Sallee & Guy], 306
- Vegetarian diet: See Diet
- Viral infections
new studies of, of expectant mothers, 556
- Viruses
common cold: viruses isolated from natural, in U.S.A. [Hamre & Prochnow, abst.], 462
- Vision
impairment, visual: guide to evaluation of [Committee on Medical Rating of Physical Impairment], 108
in military occupational placement [Erdrink], 528
- Vitamin
B₁₂: serum enzyme and, changes in CCl₄ hepatotoxicity [Dinman et al.], 168

W

- Water
human health and well-being and aqueous environment (long view) [Kehoe], 454
- Weather
area meteorology: component of air pollution studies [Greenburg & Field], 477
- Women
worker [Wells], 439
- Work: See Exertion
- Workmen's compensation
compensability in arthritis and traumatic arthritis: particular reference to second injury clause [Klein], 488
duplication of benefits [Soutar], 356
legislative developments in [Hetzler], 347
lungs, environment, and compensation: panel discussion [Sander et al.], 362
- World Health Organization
changes in WHO organization (correspondence) [Buxell], 646
- Wounds and injuries
compensability in arthritis and traumatic arthritis: particular reference to second injury clause [Klein], 488
traumatic accidents: reliability of recall data in [Gordon et al.], 575

X

- X-ray: See Roentgen rays

ARCHIVES OF

ENVIRONMENTAL HEALTH

PREVENTIVE MEDICINE — OCCUPATIONAL MEDICINE — AEROSPACE MEDICINE

VOLUME 5

JULY THROUGH DECEMBER, 1962

AMERICAN MEDICAL ASSOCIATION Publication



AUTHOR AND TITLE INDEX TO VOLUME 5

In this Index in alphabetical order are the names of the authors of all articles and of all articles abstracted, followed by the page number on which the article or the abstract begins. Abstracts are indicated by [abst.] following the title. Page numbers in the Index refer to bold face (dark) numbers in the text.

For Subject Index see page [137-651].

A

Abrahams, A.: Radiation in New York state: trends in utilization and status of health protection, 1957-1962, 473 (N)

Anderson, R. J.: National environmental health program: Gehrman Memorial Lecture, 229 (S)

Ashe, W. F.; Cook, W. T., and Old, J. W.: Raynaud's phenomenon of occupational origin, 333 (O)

ATS Committee on Diagnostic Standards for Nontuberculous Respiratory Diseases: Chronic bronchitis, asthma, and pulmonary emphysema, 375 (O)

Awa, A.: See Rounds, D. E., jt. auth.

Ayers, A. W.: Research in industrial psychology: commentary, 250 (S)

B

Babbott, F. L., Jr.; Binns, W., and Ingalls, T. H.: Field studies of cyclopioid malformations in sheep, 109 (Ag)

Bair, J. T.: See Porter, J. R., jt. auth.

Bartlett, J. P.: See Zenz, C., jt. auth.

Behar, M., and Scrimshaw, N. S.: Effect of environment on nutritional status, 257 (S)

Berendsohn, S.: Hepatic function at high altitudes [abst.], 402 (O)

Beyer, K. H.: Fetal malformations (editorial), 94 (Ag)

Binns, W.: See Babbott, F. L., Jr., jt. auth.
James, L. F.; Shupe, J. L., and Thacker, E. J.: Cyclopioid-type malformation in lambs, 106 (Ag)

Black, S. C.: Storage and excretion of lead 210 in dogs, 423 (N)

Brief, R. S.: Air lead concentrations from automotive engines: comparison of concentration with use of gasolines containing tetramethyllead and tetraethyllead, 527 (D)

Brunetz, N.: See Owe Berg, T. G., jt. auth.

Burr, H. B.: Business objectives and procedures, 192 (S)

C

Capwell, D. F.: Appraisal for selection, placement, and development, 233 (S)

Carter, M. E.; Bywaters, E. G. L., and Thomas, G. T. G.: Rheumatic fever treated with penicillin in bactericidal dosage for six weeks, [abst.], 183 (Ag)

Cook, W. T.: See Ashe, W. F., jt. auth.

Council on Occupational Health: Guide to small plant occupational health programs: organization and operation, 383 (O)

Medical directives for occupational health nurses: guide for development, 631 (D)

D

Davison, F. C.: See Graca, J. G., jt. auth.

Dawber, T. R.; Kannel, W.; Revotskie, N., and Kagan, A.: Epidemiology of coronary heart disease: Framingham industry [abst.], 639 (D)

Demone, H. W., Jr.: Medical foundation, incorporated [abst.], 639 (D)

deTreville, R. T. P.: Introduction, 187 (S)
Wheeler, H. W., and Sterling, T.: Occupational exposure to organic lead compounds: relative degree of hazard in occupational exposure to air-borne tetraethyllead and tetramethyllead, 532 (D)

Deuschle, K. W.; Straus, R., and Enroth, R. M.: Status of morbidity reporting: national and state (Kentucky), 134 (Ag)

DeWitt, B. J.: See Plunkett, E. R., jt. auth.

Djuric, S.; Raicevic, P., and Konstantinovic, I.: Excretion of thiocyanates in urine of smokers, 12 (J1)

Dreizen, S.: Oral manifestations of human nutritional anemia, 66 (J1)

Dunn, J. P.: Chronic disease research opportunities, 208 (S)

Durham, W. F., and Hayes, W. J., Jr.: Organic phosphorus poisoning and its therapy: with special reference to modes of action and compounds that reactivate inhibited cholinesterase, 21 (J1)

E

Enroth, R. M.: See Deuschle, K. W., jt. auth.

Epstein, E., and Samitz, M. H.: Experimental cutaneous chrome ulcers in guinea pigs, 463 (N)

F

Feavel, J. B.: See Graca, J. G., jt. auth.

Felton, J. S.: Business biographies and industrial medicine, 271 (S)
Illness—absence recording: accurate or inaccurate? 495 (N)

Fink, A.: See Murray, J. F., jt. auth.

Finn, R.: See Ringold, A., jt. auth.

G

Gardner, W. J.: Backache and soft living (editorial), 96 (Ag)

Gelfand, H. M., and Holguin, A. H.: Enterovirus infections in healthy children: study during 1960, 404 (N)

Goldsmith, G. A.: Environment and nutrition (editorial), 185 (S)

Goldsmith, J. R.: See Ringold, A., jt. auth.

Goldwater, L. J.; Jacobs, M. B., and Ladd, A. C.: Absorption and excretion of mercury in man: I. relationship of mercury in blood and urine, 537 (D)

Goodhart, R. S.: Introduction to Program, 48 (J1)

Gordon, J. E.: Nevin S. Scrimshaw, M.D., 255 (S)

Graca, J. G.; Davison, F. C., and Feavel, J. B.: Comparative toxicity of stable rare earth compounds: II. effect of citrate and edetate complexing on acute toxicity in mice and guinea pigs, 437 (N)

Gross, P.: Pneumoconiosis: dilemma of definition and classification, 269 (S)

H

Hackman, R. C.: Attitudes, morale, and motivation, 240 (S)

Hackney, J. D.; Kaufman, G. A.; Lashier, H., and Lynn, K.: Rebreathing estimate of carbon monoxide hemoglobin, 300 (O)

Hanks, T. G.: Physical examination in industry: critique, 365 (O)

Hardy, H.: Beryllium Case Registry progress report: 1962, 265 (S)

Harris, R. S.: Influences of culture on man's diet, 144 (Ag)

Hayles, W. J., Jr.: See Durham, W. F., jt. auth.

Helwig, H. L.: See Ringold, A., jt. auth.

Holguin, A. H.: See Gelfand, H. M., jt. auth.

Hueper, W. C., and Payne, W. W.: Experimental studies in metal carcinogenesis: chromium, nickel, iron, arsenic, 445 (N)

Hurn, R. W.: Comprehensive analyses of automotive exhausts, 592 (D)

I

Iber, F. L., and Mendeloff, A. I.: Prevention and treatment of viral hepatitis [abst.], 402 (O)

Industrial Medical Association Radiation Committee and Workmen's Compensation Committee: Occupational exposure to ionizing radiation: diagnosis of harmful effects, 626 (D)

Ingalls, T. H.: See Babbott, F. L., Jr., jt. auth.

German measles (1900-1960): risks for fetus, 574 (D)

One part of key (editorial), 93 (Ag)
and Murakami, U.: Cyclopia, ectromelia, and other monstrosities in Zebra fish, 114 (Ag)

J

Jacobs, M. B.: See Goldwater, L. J., jt. auth.

James, L. F.: See Binns, W., jt. auth.

Jensen, W. N.: Heredity and chemically induced anemia, 212 (S)

K

Kammer, A. G.: Effect of management environment on management health, 201 (S)

Karvonen, M. J.: Arteriosclerosis: clinical surveys in Finland [abst.], 639 (D)

Kaufman, G. A.: See Hackney, J. D., jt. auth.

- Knapp, K.: See Lenz, W., jt. auth.
 Konopinski, V. J.: See Larsen, R. I., jt. auth.
 Konstantinovic, I.: See Djuric, D., jt. auth.

L

- Ladd, A. C.: See Goldwater, L. J., jt. auth.
 Lantz, B.: One picture is worth thousand words, 394 (O)
 Larsen, R. I., and Konopinski, V. J.: Summer Tunnel air quality, 597 (D)
 Lashier, H.: See Hackney, J. D., jt. auth.
 Lenz, W., and Knapp, K.: Thalidomide embryopathy, 100 (Ag)
 Linnell, R. H., and Scott, W. E.: Diesel exhaust analysis: preliminary results, 616 (D)
 Linster, J. E.: Rehabilitation: challenge, 173 (Ag)
 Liono, J. G.: See Weaver, N. K., jt. auth.
 Lombardi, P.; Romeo, S.; Zitomer, B., and Webb, N. C., Jr.: Skin testing uncooperative tuberculosis contacts, 552 (D)
 Luongo, E. P.: Preplacement physical examination in industry: its values, 358 (O)
 Lynn, K.: See Hackney, H. D., jt. auth.

Mc

- McDade, J. J.: See Shaffer, J. G., jt. auth.

M

- Mankiewicz, E., and van Walbeek, M.: Mycobacteriophages: their role in tuberculosis and sarcoidosis, 122 (Ag)
 Martin, J. J.: See Schatz, A., jt. auth.
 Merrill, M. H.: Introduction, 479 (N)
 Mogabgab, W. J.: See Weaver, N. K., jt. auth.
 Murakami, U.: See Ingalls, T. H., jt. auth.
 Murray, J. F., and Fink, A.: Toxicity from certain brominated alkylating agents, 5 (Jl)

N

- Neligan, R. E.: Hydrocarbons in Los Angeles atmosphere: comparison between hydrocarbons in automobile exhaust and those found in Los Angeles atmosphere, 581 (D)

- Newell, R. R.: Leukemia as compensable radiation injury: plan for insurance against late sequelae of small irradiations, 129 (Ag)

- Newquist, M. N.: Medical aspects and implications of workmen's compensation, 505 (N)

- Norwood, W. D.: Radioactive material in body: detection and treatment, 167 (Ag)

O

- Old, J. W.: See Ashe, W. F., jt. auth.
 Owe Berg, T. G., and Brunetz, N.: Behavior of charged particles on glass slides, 16 (Jl)

P

- Payne, W. W.: See Hueper, W. C., jt. auth.
 Piscator, M.: Proteinuria in chronic cadmium poisoning: 2. applicability of quantitative and qualitative methods of protein determination for demonstration of cadmium proteinuria, 325 (O)
 Plunkett, E. R., and DeWitt, B. J.: Occupational exposure to Hi-Sil and Silene: report of 18-year study, 469 (N)
 Pomerat, C. M.: See Rounds, D. E., jt. auth.
 Porter, J. R., and Bair, J. T.: Executive and employee counseling, 245 (S)
 Potter, H. P., Jr.: Viral hepatitis, future and present, 393 (O)
 Princi, F.: Chemical progress and public interest (editorial), 525 (D)

R

- Raicevic, P.: See Djuric, S., jt. auth.
 Reighard, H. L.: Medical services at airports: study of need for comprehensive medical programs at large airports, 344 (O)
 Reuber, M. D., and Schmieler, G. C.: Edetate kidney lesions in rats, 430 (N)
 Ringold, A.; Goldsmith, J. R.; Helwig, H. L.; Finn, R., and Schuette, F.: Estimating recent carbon monoxide exposures: rapid method, 308 (O)
 Rinzler, S. H.: Nutrition in relation to heart disease: Anti-Coronary Club of New York City, 60 (Jl)
 Romeo, S.: See Lombardi, P., jt. auth.
 Rosanove, R.: Penicillin in hospital milk supplies, [abst.], 641 (D)

Rose, A. H., Jr., and Smith, R.: Direct measurement technique for automobile exhaust, 609 (D)

Rose, G.: Cardiovascular mortality among American Negroes, 412 (N)

Rounds, D. E.; Awa, A., and Pomerat, C. M.: Effect of automobile exhaust on cell growth in vitro, 319 (O)

Russell, A. L.: Periodontal disease in well- and malnourished populations: preliminary report, 153 (Ag)

Ryazanov, V. A.: Sensory physiology as basis for air quality standards: approach used in Soviet Union, 480 (N)

S

Samitz, M. H.: See Epstein, E., jt. auth.

Schatz, A., and Martin, J. J.: Soil, water, food, and teeth, 49 (Jl)

Schepers, G. W. H.: Reaction of monkey lung to siliceous dusts, 278 (O)

Schmieler, G. C.: See Reuber, M. D., jt. auth.

Schuette, F.: See Ringold, A., jt. auth.

Scott, W. E.: See Linnell, R. H., jt. auth.

Scragg, R. F. R.: Health in Papua and New Guinea village [abst.], 640 (D)

Shaffer, J. G., and McDade, J. J.: Air-borne Staphylococcus aureus: possible source in air control equipment, 547 (D)

Scrimshaw, N. S.: See Behar, M., jt. auth.

Ship, I. I.: Nutrition and food intake in aphthous ulcerations, 158 (Ag)

Shupe, J. L.: See Binns, W., jt. auth.

Smith, R.: See Rose, A. H., Jr., jt. auth.

Spain, D. M.: Dust we breathe (editorial), 277 (O)

Sterling, T.: See deTreville, R. T. P., jt. auth.

Stokinger, H. E.: Poisonings in chemical laboratories (editorial), 1 (Jl)

Stoloff, I. L.: Skid row sanatorium? 555 (D)

Straus, R.: See Deuschle, K. W., jt. auth.

T

Thacker, E. J.: See Binns, W., jt. auth.

Thiede, W. H.: See Zenz, C., jt. auth.

V

van Walbeek, M.: See Mankiewicz, E., jt. auth.

W

Wald, N.: Cytogenetics: new clinical tool with potential environmental health applications, 217 (S)

Warshaw, L. J.: Rheumatic diseases in industry (editorial), 1 (Jl)

Waters, T. C.: Mental illness: is it compensable? 178 (Ag)

Workmen's compensation laws: fundamental philosophy and evolution, 510 (N)

Weaver, N. K.; Mogabgab, W. J., and Lione, J. G.: Acute upper respiratory disease in industry, 415 (N)

Webb, N. C., Jr.: See Lombardi, P., jt. auth.

Weinerman, E. R.: Medical care in prepaid group practice, 561 (D)

Weiss, W.: Logic in medical research: fable about fallacy of omission, 182 (Ag)

Wheeler, H. W.: See deTreville, R. T. P., jt. auth.

Williams, R. E. O.; Noble, W. C.; Jevons, M. P.; Lidwell, O. M.; Shooter, R. A.; White, R. G.; Thom, B. T., and Taylor, G. W.: Isolation for control of staphylococcal infection in surgical wards [abst.], 640 (D)

Workmen's Compensation Committee: See Industrial Medical Association Radiation Committee, jt. auth.

Z

Zenz, C.; Bartlett, J. P., and Thiede, W. H.: Acute vanadium pentoxide intoxication, 542 (D)

Zitomer, B.: See Lombardi, P., jt. auth.

SUBJECT INDEX TO VOLUME 5

The following Index contains an alphabetical list of all significant subjects presented in the volume. Abstracts are indicated by [abst.], Books reviewed are listed alphabetically by author and by title under the heading "Books." Page numbers in the Index refer to bold face (dark) numbers in the text.

A

- Absenteeism**
illness-absence recording: accurate or inaccurate [Felton], 495 (N)
- ABSTRACTS FROM CURRENT LITERATURE**, 183 (Ag), 402 (O), 639 (D)
- Africa**
measles immunization study in, 84 (Jl)
- Air control equipment**
air-borne *Staphylococcus aureus*: possible source in [Shaffer & McDade], 547 (D)
- Air pollution: See also Dust**
automobile exhaust: direct measurement technique for [Rose & Smith], 609 (D)
carbon monoxide exposures: rapid method for estimating [Ringold et al.], 308 (O)
diesel exhaust analysis [Linnell & Scott], 616 (D)
lead concentrations, air, from automotive engines [Brief], 527 (D)
sensory physiology as basis for air quality standards: approach used in Soviet Union [Ryazanov], 480 (N)
Staphylococcus aureus: air-borne [Shaffer & McDade], 547 (D)
Sumner Tunnel air quality [Larsen & Konopinski], 597 (D)
tetraethyllead and tetramethyllead: occupational exposure to air-borne [deTreville et al.], 532 (D)
- Airports**
medical services at [Reichard], 344 (O)
- Alkylating agents**
toxicity from certain brominated [Murray & Fink], 5 (Jl)
- Altitude**
high: hepatic function at [Berendsohn, abst.], 402 (O)
- American Academy of Occupational Medicine**
annual meeting, Indianapolis, Feb. 1963, 520 (N)
14th annual meeting, Pittsburgh, Feb. 7-9, 1962: papers read, 187-254 (S)
introduction: fourteenth annual meeting, [deTreville], 187 (S)
- American Board of Preventive Medicine**
board certification examination applications, 519 (N)
- American College of Preventive Medicine Council on Research: national conference on research in community health**, New York, Dec. 1962, 520 (N)
new officers, 85 (Jl)
- American Industrial Health Conference**
Washington, D.C., March 1963, 521 (N)
- American Medical Association**
21st annual Congress on Occupational Health, Denver, Oct. 3-4, 1961: papers presented at, 167-181 (Ag)
22nd Congress on Occupational Health, Boston, Oct. 1962: program, 79 (Jl)
Council on Occupational Health: three new members appointed, 519 (N)
current film catalog available, 524 (N)
Department of Environmental Health: new director, 519 (N)
- American Public Health Association**
90th annual meeting, Miami Beach, Oct. 1962, 183 (Ag)
- Analyses**
automobile exhaust: direct measurement technique for [Rose & Smith], 609 (D)
automobile exhausts: comprehensive analyses of [Hurn], 592 (D)
diesel exhaust analysis [Linnell & Scott], 616 (D)
- Anemia**
heredity and chemically induced [Jensen], 212 (S)
nutritional: oral manifestations of human [Dreizen], 66 (Jl)
- ANNOUNCEMENTS**, 79 (Jl), 183 (Ag), 399 (O), 519 (N), 641 (D)
- Anti-Coronary Club of New York City**
nutrition in relation to heart diseases [Rinzler], 60 (Jl)
- APPARATUS AND INSTRUMENTS**
air control equipment possible source of air-borne *Staphylococcus aureus* [Shaffer & McDade], 547 (D)
glass slides: behavior of charged particles on [Owe Berg & Brunetz], 16 (Jl)
- APPOINTMENTS**
Anderson, Robert J., 399 (O)
Bethel, Millard B., 519 (N)
Cooper, W. Clark, 521 (N)
DiNatale, Peter, 519 (N)
Howe, Henry F., 80 (Jl)

APPOINTMENTS—continued

- Norris, John L., 80 (Jl)
 Suskind, Raymond, R., 523 (N)
 Sutter, Richard A., 519 (N)
 Thurber, Packard, Jr., 519 (N)

Arsenic

- experimental studies in metal carcinogenesis [Hueper & Payne], 445 (N)

Arteriosclerosis

- clinical surveys in Finland [Karvonen abst.], 639 (D)

Association of Teachers of Preventive Medicine

- 19th annual meeting, Miami Beach, Oct. 1962, 85 (Jl)
 conference on research, graduate education, and postdoctoral training in departments of preventive medicine, 522 (N)

Asthma

- chronic bronchitis, pulmonary emphysema, and [ATS Committee], 375 (O)

Attitude: See Behavior

Automobiles

- air lead concentrations from automotive engines [Brief.], 527 (D)
 exhaust: comparison of hydrocarbons in, and those found in Los Angeles atmosphere [Neligan], 581 (D)
 exhaust: direct measurement technique for [Rose & Smith], 609 (D)
 exhaust on cell growth in vitro: effect of [Rounds et al.] 319 (O)
 exhausts: comprehensive analyses of [Hurn], 592 (D)
 exhausts: Sumner Tunnel air quality [Larsen & Konopinski], 597 (D)

B

Backache

- and soft living (editorial) [Gardner], 96 (Ag)

Bactericides

- penicillin in bactericidal dosage for six weeks: rheumatic fever treated with [Carter et al., abst.], 183 (Ag)

Behavior

- attitudes, morale, and motivation [Hackman], 240 (S)

Beryllium Case Registry

- progress report: 1962 [Hardy], 265 (S)

Biographies

- business, and industrial medicine [Felton], 271 (S)

Blood

- mercury in blood and urine: relationship of [Goldwater et al.], 537 (D)

BOOKS

- Airborne Infection: Transmission and Control [Riley & O'Grady], 643 (D)
 Alcoholism and Society [Chafetz & Demone], 642 (D)
 Bamford, W. D.: Control of Airborne Dust, 184 (Ag)
 Calder, R.: Living with Atom, 644 (D)
 Chafetz, M. E., and Demone, H. W., Jr.: Alcoholism and Society, 642 (D)
 Control of Airborne Dust [Bamford], 184 (Ag)
 Day Hospital Movement in Great Britain [Farndale], 87 (Jl)
 de Reuck, A. V. S., and O'Connor, M.: Problems of Pulmonary Circulation, 643 (D)
 Diagnosis and Therapy of Fungus Infections [Polemann et al.], 87 (Jl)
 Fabre, R., and Truhaut, R.: Précis De Toxicologie, 87 (Jl)
 Farberow, N. L., and Schneidman, E. S.: Some Facts about Suicide: Causes and Prevention, 89 (Jl)
 Farndale, J.: Day Hospital Movement in Great Britain, 87 (Jl)
 Fluorosis: Health Aspects of Fluorine Compounds [Largent], 184 (Ag)
 Great Epidemic: When Spanish Influenza Struck [Hoehling], 642 (D)
 Hoehling, A. A.: Great Epidemic: When Spanish Influenza Struck, 642 (D)
 Largent, E. J.: Fluorosis: Health Aspects of Fluorine Compounds, 184 (Ag)
 Living with Atom [Calder], 644 (D)
 Physician in Industry [Shepard], 86 (Jl)
 Polemann, G., and others: Diagnosis and Therapy of Fungus Infections, 87 (Jl)
 Précis De Toxicologie [Fabre & Truhaut], 87 (Jl)
 Problems of Pulmonary Circulation [de Reuck & O'Connor], 643 (D)
 Proceedings Tenth Pacific Northwest Industrial Waste Conference, 88 (Jl)
 Report of Committee on Environmental Health Problems [U.S. Public Health Service], 89 (Jl)
 Riley, R. L., and O'Grady, F.: Airborne Infection: Transmission and Control, 643 (D)
 Shepard, W. P.: Physician in Industry, 86 (Jl)
 Some Facts about Suicide: Causes and Prevention [Farberow & Schneidman], 89 (Jl)
 U.S. Public Health Service: Report of Committee on Environmental Health Problems, 89 (Jl)
 Bromine
 toxicity from certain brominated alkylating agents [Murray & Fink], 5 (Jl)

Bronchitis

- chronic, asthma, and pulmonary emphysema [ATS Committee], 375 (O)
- industrial, and function of lungs (letter to editor) [DuBois], 396; [Johnstone], 398 (O)

C

Cadmium

- poisoning: proteinuria in chronic [Piscator], 325 (O)

Carbon monoxide

- exposures: estimating recent [Ringold et al.], 308 (O)
- hemoglobin: rebreathing estimate of [Hackney et al.], 300 (O)

Carcinoma

- metal carcinogenesis: experimental studies in [Hueper & Payne], 445 (N)

Cardiovascular system

- mortality among American Negroes [Rose], 412 (N)

Cell division

- effect of automobile exhaust on cell growth in vitro [Rounds et al.], 319 (O)

Children

- enterovirus infections in healthy [Gelfand & Holguin], 404 (N)

Cholinesterase

- modes of action and compounds that reactivate inhibited: organic phosphorus poisoning and its therapy [Durham & Hayes], 21 (J1)

Chromates

- experimental cutaneous chrome ulcers in guinea pigs [Samitz & Epstein], 463 (N)

Chromium

- experimental studies in metal carcinogenesis [Hueper & Payne], 445 (N)

Chronic diseases

- research opportunities [Dunn], 208 (S)

Citrates

- effect of citrate and edetate complexing on acute toxicity [Graca et al.], 437 (N)

Columbia University School of Public Health and Administrative Medicine Institute for Physicians in Industry, 521 (N)

Congenital malformations: See Fetal malformations

Congress on Occupational Health: See under American Medical Association

Coronary arteries

- coronary heart disease: Framingham industry [Dawber et al., abst.] 639 (D)

Counseling

- executive and employee [Porter & Bair], 245 (S)

Culture

- influence of, on man's diet [Harris], 144 (Ag)

Cyclopia

- cyclopiian malformations in sheep: field studies of [Babbott et al.], 109 (Ag)
- cyclopiian-type malformation in lambs [Binns et al.], 106 (Ag)
- ectromelia, and other monstrosities in Zebra fish [Ingalls & Murakami], 114 (Ag)

Cytogenetics: See under Genetics

D

Death

- cardiovascular mortality among American Negroes [Rose], 412 (N)

DEATHS

- Kammer, Adolph G., 188 (S)

Diesel

- exhaust analysis [Linnell & Scott], 616 (D)

Diet

- influence of culture on man's [Harris], 144 (Ag)

Dust: See also Pneumoconiosis

- siliceous dusts: reaction of monkey lung to [Schepers], 278 (D)
- we breathe (editorial) [Spain], 277 (O)

E

Ectromelia

- cyclopia, and other monstrosities in Zebra fish [Ingalls & Murakami], 114 (Ag)

Edathamil

- edetate kidney lesions in rats [Rueber & Schmieler], 430 (N)
- effect of citrate and edetate complexing on acute toxicity in mice and guinea pigs [Graca et al.], 437 (N)

EDITORIALS

- backache and soft living [Gardner], 96 (Ag)
- chemical progress and public interest, [Prince], 525 (D)
- Christmas is coming, 525 (D)
- dust we breathe [Spain], 277 (O)
- environment and nutrition [Goldsmith], 185 (S)
- fetal malformations [Beyer], 94 (Ag)
- one part of key [Ingalls], 93 (Ag)
- poisonings in chemical laboratories [Stokinger], 1 (J1)
- rheumatic diseases in industry [Warsaw], 1 (J1)
- template for integrity, 403 (N)

Electricity

behavior of charged particles on glass slides [Owe Berg & Brunetz], 16 (J1)

Elements: See also Metals

rare earth compounds: comparative toxicity of stable [Graca et al.], 437 (N)

Embryo

thalidomide embryopathy [Lenz & Knapp], 100 (Ag)

Emphysema

pulmonary, chronic bronchitis, and asthma [ATS Committee], 375 (O)

Environment

culture influence on man's diet [Harris], 144 (Ag)

in relation to respiratory disease (letters to editor) [Sternner], 638; [Benson], 638; [Balchum], 638 (D)

management environment effect on management health [Kammer], 201 (S)

nutrition and (editorial) [Goldsmith], 185 (S)

nutritional status: effect of environment on [Behar & Scrimshaw], 257 (S)

Environmental health: See also Occupational medicine, Preventive medicine

carbon monoxide exposures: rapid method for estimating [Ringold et al.], 308 (O)

cytogenetics: new clinical tool with potential applications to [Wald], 217 (S)

health in Papua and New Guinea village [Scragg, abst.], 640 (D)

hydrocarbons in Los Angeles atmosphere [Neligan], 581 (D)

national, program: Gehrman Memorial Lecture [Anderson], 229 (S)

problems: conclusions and recommendations from report of Committee on Environmental Health Problems to surgeon general, Public Health Service, 76 (J1)

skid row sanatorium? [Stoloff], 555 (D)

soil, water, food, and teeth [Schatz & Martin], 49 (J1)

Epidemiology

coronary heart disease: Framingham industry [Dawber et al., abst.], 639 (D)

Executives

and employee counseling [Porter & Bair], 245 (S)

chronic diseases research opportunities [Dunn], 208 (S)

environment effect on management health [Kammer], 201 (S)

Exhaust, automobile: See Automobiles exhaust**F****Fetal malformations**

cyclopia, ectromelia, and other montrosities in Zebra fish [Ingalls & Murakami], 114 (Ag)

cyclopiian malformations in sheep: field studies of [Babbott et al.], 109 (Ag)

cyclopiian-type malformation in lambs [Binns et al.], 106 (Ag)

(editorial) [Beyer], 94 (Ag)

one part of key (editorial) [Ingalls.], 93 (Ag)

Fetus

German measles (1900-1960): risks for [Ingalls], 574 (D)

Finland

arteriosclerosis: clinical surveys in [Karvonen, abst.], 639 (D)

Fish

cyclopia, ectromelia, and other monstrosities in Zebra [Ingalls & Murakami], 114 (Ag)

Food

nutrition and, intake in aphthous ulcerations [Ship], 158 (Ag)

soil, water, and teeth [Schatz & Martin], 49 (J1)

Framingham, Massachusetts

epidemiology of coronary heart disease: Framingham industry [Dawber et al., abst.], 639 (D)

G**Gasolines**

containing tetramethyllead and tetraethyllead: air lead concentrations comparison [Brief], 527 (D)

Gehrman Memorial Lecture

national environmental health program [Anderson], 229 (S)

Genetics

anemia: heredity and chemically induced [Jensen], 212 (S)

cytogenetics: new clinical tool with potential environmental health applications [Wald], 217 (S)

German Association for Occupational Medicine

organized, 523 (N)

Glass slides

behavior of charged particles on glass slides [Owe Berg & Brunetz], 16 (J1)

Guides

chronic bronchitis, asthma, and pulmonary emphysema: statement [ATS Committee], 375 (O)

medical directives for occupational health nurses: guide for development [Council on Occupational Health], 631 (D)

Guides—continued

- to small plant occupational health programs: organization and operation [Council on Occupational Health], 383 (O)

H

Hands

- Raynaud's phenomenon of occupational origin [Ashe et al.], 333 (O)

Health examinations: See Physical examinations

Heart

- disease: nutrition in relation to: Anti-Coronary Club of New York City [Rinzler], 60 (J1)
- epidemiology of coronary heart disease: Framingham industry [Dawber et al., abst.], 639 (D)

Hemoglobin

- carbon monoxide: rebreathing estimate of [Hackney et al.], 300 (O)

Hepatitis

- viral, future and present [Potter], 393 (O)
- viral: prevention and treatment of [Iber & Mendeloff, abst.], 402 (O)

Hi-Sil: See Silica

Hospitals

- air-borne Staphylococcus aureus: possible source in air control equipment [Shaffer & McDade], 547 (D)
- penicillin in milk supplies of [Rosanove, abst.], 641 (D)
- staphylococcal infection in surgical wards; isolation for control [Williams et al., abst.], 640 (D)

Hydrocarbons

- comparison between, in automobile exhaust and those found in Los Angeles atmosphere [Neligan], 581 (D)

I

Immunity

- measles immunization study in Africa, 84 (J1)

Industrial Hygiene Foundation

- 27th annual meeting, Mellon Institute, Pittsburgh, Oct. 1962: program, 399 (O)

Industry

- appraisal for selection, placement, and development [Capwell], 233 (S)
- attitudes, morale, and motivation [Hackman], 240 (S)
- bronchitis, industrial, and function of lungs (letter to editor) [DuBois], 396; [Johnstone], 398 (O)

Industry—continued

- business objectives and procedures [Burr], 192 (S)
- executives: See Executives
- Guide to small plant occupational health programs: organization and operation [Council on Occupational Health], 383 (O)
- medicine, industrial, and business biographies [Felton], 271 (S)
- physical examination in: critique [Hanks], 365 (O)
- preplacement physical examination in [Luongo], 358 (O)
- psychology: research in industrial [Ayers], 250 (S)
- radiation in New York state [Abrahams], 473 (N)
- respiratory disease in: acute upper [Weaver et al.], 415 (N)
- rheumatic diseases in (editorial) [Warshaw], 1 (J1)

Insurance: See Workmen's compensation

Intestines

- infections, enterovirus, in healthy children [Gelfand & Holguin], 404 (N)

Ions

- occupational exposure to ionizing radiation [Industrial Medical Association Radiation Committee & Workmen's Compensation Committee], 626 (D)

Iron

- experimental studies in metal carcinogenesis [Hueper & Payne], 445 (N)

K

Kentucky

- status of morbidity reporting: national and state [Deuschle et al.], 134 (Ag)

Kidneys

- edetate kidney lesions in rats [Rueber & Schmieler], 430 (N)

L

Laboratories, chemical

- poisonings in (editorial) [Stokinger], 1 (J1)

Lead

- air lead concentrations from automotive engines [Brief], 527 (D)
- occupational exposure to organic lead compounds [deTreville et al.], 532 (D)
- 210: storage and excretion of, in dogs [Black], 423 (N)

LETTERS TO EDITOR

- environment in relation to respiratory disease [Sternner], 638; [Benson], 638; [Balchum], 638 (D)
- re: how far back can we stay? [Hassig],

LETTERS TO EDITOR—continued

- 517; [Switzer], 517 (N)
 re: industrial bronchitis and function of
 lungs [DuBois], 396; [Johnstone],
 398 (O)
- Leukemia**
 as compensable radiation injury: plan
 for insurance against late sequelae of
 small irradiations [Newell], 129 (Ag)
- Liver**
 function, hepatic, at high altitudes
 [Berendsohn, abst.], 402 (O)
- LONG VIEW**
 logic in medical research: fable about
 fallacy of omission [Weiss], 182 (Ag)
 one picture is worth thousand words
 [Lantz], 394 (O)
 pneumoconiosis: dilemma of definition
 and classification [Gross], 269 (S)
 viral hepatitis, future and present
 [Potter], 393 (O)
- Los Angeles**
 hydrocarbons in atmosphere of
 [Neligan], 581 (D)
- Lungs**
 acute upper respiratory disease in
 industry [Weaver et al.], 415 (N)
 dust we breathe (editorial) [Spain], 277
 (O)
 emphysema, pulmonary, chronic bron-
 chitis, and asthma [ATS Committee],
 375 (O)
 environment in relation to respiratory
 diseases (letters to editor) [Stern],
 638; [Benson], 638; [Balchum], 638
 (D)
 function of, and industrial bronchitis
 (letters to editor) [DuBois], 396;
 [Johnstone], 398 (O)
 reaction of monkey lung to siliceous
 dusts [Schepers], 278 (O)
 rebreathing estimate of carbon monoxide
 hemoglobin [Hackney et al.], 300 (O)

M

- Malformations:** See Fetal malformations
- Measles**
 German: See Rubella
 immunization study in Africa, 84 (Jl)
- Medical Foundation**
 incorporated [Demone, abst.], 639 (D)
- Mental illness**
 is it compensable? [Waters], 178 (Ag)
- Mercury**
 absorption and excretion of, in man:
 relationship of mercury in blood and
 urine [Goldwater et al.], 537 (D)
- Metals**
 carcinogenesis: experimental studies in
 [Hueper & Payne], 445 (N)

- Milk**
 penicillin in hospital milk supplies
 [Rosanove, abst.], 641 (D)
- Mining**
 Raynaud's phenomenon of occupational
 origin [Ashe et al.], 333 (O)
- Morale**
 attitudes, morale, and motivation [Hack-
 man], 240 (S)
- Morbidity**
 status of, reporting: national and state
 (Kentucky) [Deuschle et al.], 134 (Ag)
- Motivation**
 attitudes, morale, and [Hackman], 240
 (S)
- Mouth**
 nutrition and food intake in aphthous
 ulcerations [Ship], 158 (Ag)
 oral manifestations of human nutritional
 anemias [Dreizen], 66 (Jl)
- Mycobacteriophages**
 their role in tuberculosis and sarcoidosis
 [Mankiewicz & van Walbeek], 122 (Ag)

N

- National Conference of Air Pollution**
 held Washington, D.C., Dec. 1962, 519
 (N)
- Negroes**
 cardiovascular mortality among Ameri-
 can [Rose], 412 (N)
- New Guinea**
 village: health in Papua and [Scragg,
 abst.], 640 (D)
- New York**
 radiation in industry of state of
 [Abrahams], 473 (N)
- New York University**
 Post-Graduate Medical School: occupa-
 tional medicine course 79 (Jl)
- NEWS AND COMMENT**, 76 (Jl), 183 (Ag),
 399 (O), 519 (N), 641 (D)
- Nickel**
 experimental studies in metal carcino-
 genesis [Hueper & Payne], 445 (N)
- Nurses**
 medical directives for occupational
 health [Council on Occupational
 Health], 631 (D)
- Nutrition:** See also Diet, Food
 and food intake in aphthous ulcerations
 [Ship], 158 (Ag)
 anemias, nutritional: oral manifesta-
 tions of [Dreizen], 66 (Jl)
 effect of environment on nutritional
 status [Behar & Scrimshaw], 257 (S)
 environment and (editorial) [Gold-
 smith], 185 (S)

Nutrition—continued

in relation to heart disease: Anti-Coronary Club of New York City [Rinzler], 60 (Jl)

periodontal disease in well- and malnourished populations [Russell], 153 (Ag)

Nutrition and Oral Health program

introduction to program [Goodhart], 48 (Jl)

papers presented on, 48-75 (Jl); 144-166 (Ag)

O

Occupational medicine: See also Preventive medicine

business biographies and industrial medicine [Felton], 271 (S)

business objectives and procedures [Burr], 192 (S)

exposure, occupational, to Hi-Sil and Silene [Plunkett & DeWitt], 469 (N)

Guide to small plant occupational health programs: organization and operation [Council on Occupational Health], 383 (O)

illness-absence recording: accurate or inaccurate? [Felton], 495 (N)

management environment effect on management health [Kammer], 201 (S)

medical aspects and implications of workmen's compensation [Newquist], 505 (N)

medical care in prepaid group practice [Weinerman], 561 (D)

medical directives for occupational health nurses [Council on Occupational Health], 631 (D)

medical services at airports [Reichard], 344 (O)

occupational exposure to ionizing radiation [Industrial Medical Association Radiation Committee & Workmen's Compensation Committee], 626 (D)

occupational exposure to organic lead compounds [deTreville et al.], 532 (D)

rehabilitation: challenge [Linster], 173 (Ag)

P

Papua

health in, and New Guinea village [Scragg, abst.], 640 (D)

Particles

charged: behavior of, on glass slides [Owe Berg & Brunetz], 16 (Jl)

Penicillin

in hospital milk supplies [Rosanove, abst.], 641 (D)

rheumatic fever treated with, in bactericidal dosage for six weeks [Carter et al., abst.], 183 (Ag)

Peridontal disease

in well- and malnourished populations [Russell], 153 (Ag)

Petroleum

gasolines containing tetramethyllead and tetraethyllead: air lead concentrations comparison [Brief], 527 (D)

Phosphorus

organic phosphorus poisoning and its therapy [Durham & Hayes], 21 (Jl)

Physical examinations

business objectives and procedures [Burr], 192 (S)

chronic disease research opportunities [Dunn], 208 (S)

in industry: critique [Hanks], 365 (O)

management environment on management health: effect of [Kammer], 201 (S)

preplacement, in industry [Luongo], 358 (O)

Plants: See under Industry

Pneumoconiosis

dilemma of definition and classification [Gross], 269 (S)

Poisons and poisoning

Beryllium Case Registry progress report: 1962 [Hardy], 265 (S)

brominated alkylating agents: toxicity from certain [Murray & Fink], 5 (Jl)

cadmium poisoning: proteinuria in chronic [Piscator], 325 (O)

edetate kidney lesions in rats [Rueber & Schmieler], 430 (N)

metal carcinogenesis: chromium, nickel, iron, arsenic [Hueper & Payne], 445 (N)

organic phosphorus poisoning and its therapy [Durham & Hayes], 21 (Jl)

poisonings in chemical laboratories (editorial) [Stokinger], 1 (Jl)

rare earth compounds: comparative toxicity of stable [Graca et al.], 437 (N)

vanadium pentoxide: acute, intoxication [Zenz et al.], 542 (D)

Poliomyelitis

vaccines for 1962 poliomyelitis season: recommendations of Public Health Service for use of, 81 (Jl)

Prepaid group practice

medical care in [Weinerman], 561 (D)

Preventive medicine: See also Occupational medicine

chronic disease research opportunities [Dunn], 208 (S)

radiation in New York state: trends in utilization and status of health protection, 1957-1962 [Abrahams], 473 (N)

skid row sanatorium? [Stoloff], 555 (D)

skin testing uncooperative tuberculosis contacts [Lombardi et al.], 552 (D)

Protein

determination, methods of, for demonstration of cadmium proteinuria [Piscator], 325 (O)

Psychology

appraisal for selection, placement, and development [Capwell], 233 (S)

attitudes, morale, and motivation [Hackman], 240 (S)

executives and employee counseling [Porter & Bair], 245 (S)

research in industrial [Ayers], 250 (S)

Public Health Service, U.S.: See U. S. Public Health Service

Pulmonary emphysema

chronic bronchitis, and asthma [ATS Committee], 375 (O)

R

Radiation: See Roentgen rays

Radioactivity

material, radioactive, in body: detection and treatment [Norwood], 167 (Ag)

storage and excretion of lead 210 in dogs [Black], 423 (N)

Rare earths: See Elements

Raynaud's phenomenon

of occupational origin [Ashe et al.], 333 (O)

Records

illness-absence recording: accurate or inaccurate? [Felton], 495 (N)

Rehabilitation

challenge [Linster], 173 (Ag)

Research

chronic disease, opportunities [Dunn], 208 (S)

in industrial psychology [Ayers], 250 (S)

medical: logic in [Weiss], 182 (Ag)

Respiration

dust we breathe (editorial) [Spain], 277 (O)

rebreathing estimate of carbon monoxide hemoglobin [Hackney et al.], 300 (O)

Rheumatic diseases

in industry (editorial) [Warshaw], 1 (Jl)

Rheumatic fever

treated with penicillin in bactericidal dosage for six weeks [Carter et al., abst.], 183 (Ag)

Roentgen rays

leukemia as compensable radiation injury [Newell], 129 (Ag)

Roentgen rays—continued

occupational exposure to ionizing radiation [Industrial Medical Association Radiation Committee & Workmen's Compensation Committee], 626 (D)

radiation in New York state industry [Abrahams], 473 (N)

Rubella

German measles (1900-1960): risks for fetus [Ingalls], 574 (D)

Ryazanov, V. A.

introduction [Merrill], 479 (N)

S**Sanatorium**

skid row? [Stoloff], 555 (D)

Sarcoidosis

mycobacteriophages role in [Mankiewicz & van Walbeek], 122 (Ag)

Scrimshaw, Nevin S.

[Gordon], 255 (S)

Sensation

sensory physiology as basis for air quality standards: approach used in Soviet Union [Ryazanov], 480 (N)

Sheep

cycloplan malformations in: field studies of [Babbott et al.], 109 (Ag)

cycloplan-type malformation in lambs [Binns et al.], 106 (Ag)

Silene; See Silica**Silica**

occupational exposure to Hi-Sil and Silene [Plunkett & DeWitt], 469 (N)

reaction of monkey lung to siliceous dusts [Schepers], 278 (O)

Skid row

sanatorium? [Stoloff], 555 (D)

Skin

testing uncooperative tuberculosis contacts [Lombardi et al.], 552 (D)

ulcers, cutaneous chrome, in guinea pigs [Samitz & Epstein], 463 (N)

Slides, glass: See Glass slides**Smoking**

excretion of thiocyanates in urine of smokers [Djuric et al.], 12 (Jl)

Soil

water, food, and teeth [Schatz & Martin], 49 (Jl)

Soviet Union

sensory physiology as basis for air quality standards: approach used in [Ryazanov], 480 (N)

Staphylococcal infections

isolation for control of, in surgical wards [Williams et al., abst.], 640 (D)

Staphylococcus aureus
air-borne: possible source in air control
equipment [Shaffer & McDade], 547
(D)

Sumner Tunnel
air quality [Larsen & Konopinski], 597
(D)

T

Teeth
soil, water, food, and [Schatz & Mar-
tin], 49 (Jl)

Tetraethyllead and tetramethyllead
comparison of air lead concentrations
with use of gasolines containing
[Brief], 527 (D)
relative degree of hazard in occupational
exposure to air-borne [deTreville et
al.], 532 (D)

Thalidomine
embryopathy [Lenz & Knapp], 106 (Ag)

Thermonuclear war
medical consequences of [abst.], 639
(D)

Thiocyanates
excretion of, in urine of smokers [Djuric
et al.], 12 (Jl)

Trachoma
vaccination program, 80 (Jl)

Tuberculosis
mycobacteriophages role in [Mankiewicz
& van Walbeek], 122 (Ag)
skid row sanatorium [Stoloff], 555 (D)
skin testing uncooperative tuberculosis
contacts [Lombardi et al.], 552 (D)

U

Ulcers
aphthous ulcerations: nutrition and food
intake in [Ship], 158 (Ag)
cutaneous chrome ulcers in guinea pigs
[Samitz & Epstein], 463 (N)

Urine
mercury in blood and: relationship of
[Goldwater et al.], 537 (D)
proteinuria in chronic cadmium poison-
ing [Piscator], 325 (O)
storage and excretion of lead 210 in dogs
[Black], 423 (N)
thiocyanates, excretion of, in urine of
smokers [Djuric et al.], 12 (Jl)

U.S. Public Health Service
conclusions and recommendations from
report of Committee on Environmen-
tal Health Problems to surgeon gen-
eral, 76 (Jl)
Division of Occupational Health: analy-
sis and control of noise course, 641 (D)

U.S. Public Health Service—continued
Division of Occupational Health: in-
dustrial hygiene engineering course,
641 (D)
Division of Occupational Health: toxico-
logic investigative techniques course,
641 (D)
1962 Food Service Sanitation Manual
available, 523 (N)
new Division of Research Facilities and
Resources, 84 (Jl)
poliomyelitis vaccines for 1962 poliomye-
litis season: recommendations of, for
use of, 81 (Jl)
trachoma vaccination program, 80 (Jl)
tuberculosis service moves to Atlanta,
79 (Jl)

V

Vaccination
trachoma, program, 80 (Jl)

Vaccines
measles immunization study in Africa,
84 (Jl)
poliomyelitis, for 1962 poliomyelitis sea-
son: recommendations of Public
Health Service for use of 81 (Jl)

Vascular disease, peripheral
hands: Raynaud's phenomenon of occu-
pational origin [Ashe et al.], 333 (O)

Vanadium pentoxide
acute, intoxication [Zenz et al.], 542 (D)

Virus diseases
hepatitis, viral: future and present [Pot-
ter], 393 (O)
hepatitis, viral: prevention and treat-
ment of [Iber & Mendeloff, abst.], 402
(O)

Viruses
enterovirus infections in healthy chil-
dren [Gelfand & Holguin], 404 (N)

W

Water
soil, food, and teeth [Schatz & Martin],
49 (Jl)

Workmen's compensation
laws: fundamental philosophy and evo-
lution [Waters], 510 (N)
leukemia as compensable radiation in-
jury plan for insurance against late
sequelae of small irradiations
[Newell], 129 (Ag)
medical aspects and implications of
[Newquist], 505 (N)
medical care in prepaid group practice
[Weinerman], 561 (D)
medical services at airports [Reichard],
344 (O)
mental illness: is it compensable?
[Waters], 178 (Ag)

Wounds and injuries
leukemia as compensable radiation in-
jury [Newell], 129 (Ag)



